

Converting Colors

YUV(63.7910, -6.3060, 15.9693)

Have a look what the booklet for
YUV(63.7910, -6.3060, 15.9693)
contains.

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Color

**YUV(63.7910, -6.3060,
15.9693)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 523933 |
| RGB | 82, 57, 51 |
| RGB Percent | 32%, 22%, 20% |
| CMY | 0.6784, 0.7765, 0.8000 |
| CMYK | 0.00, 0.30, 0.38, 0.68 |
| HSL | 12°, 23%, 26% |
| HSV | 12°, 38%, 32% |
| XYZ | 5.5403, 4.9591, 3.7972 |
| YIQ | 63.7910, 16.8260, 3.4340 |

Conversions

Conversions Part 2

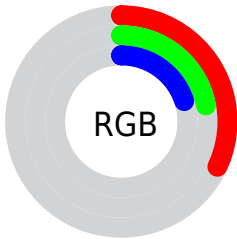
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 82, 58, 51 |
| Decimal | 5388595 |
| CIE _{Lab} | 26.62, 10.17, 8.14 |
| CIE _{LCh} | 27, 13.023, 38.666 |
| Yxy | 4.9591, 0.3875, 0.3469 |
| Android (android.graphics.Color) | 4283578675 (0xFF523933) |
| YUV | 63.7910, -6.3060, 15.9693 |
| Hunter-Lab | 22.2691, 5.4384, 5.4786 |




Details

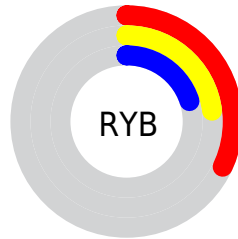
The YUV color **63.7910, -6.3060, 15.9693** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.2090, 6.3060, -15.9693**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **111.5740, -7.1850, 17.9136**, and **20.4380, -7.6109, 14.5249** is the 20% darker color. If you saturate the color by 10%, you get **58.7700, -7.7746, 20.3727**, and if you desaturate by 10%, it is **68.8120, -4.8373, 11.5659**.

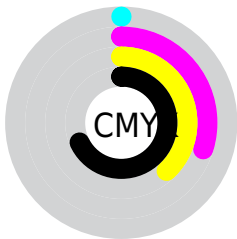
Distribution







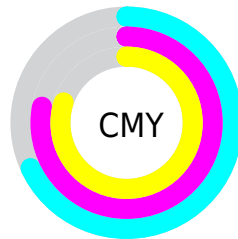
-  Red (32%)
-  Green (22%)
-  Blue (20%)






-  Red (32%)
-  Yellow (23%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (38%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (78%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7910, -6.3060, 15.9693 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 63.7910, -6.3060, 15.9693 by changing the saturation by 10% instead.

■ 63.7910, -6.3060,
15.9693

■ 63.7910, -6.3060,
15.9693

■ 255.0000, 0.0000,
0.0000

■ 41.3070, -5.5744,
14.6398

■ 111.5740, -7.1850,
17.9136

■ 20.4380, -7.6109,
14.5249

■ 137.1720, -7.4798,
19.1432

■ 0.0000, 0.0000,
0.0000

■ 163.4710, -7.6272,
19.7579

■ 190.6560, -8.2114,
20.4727

■ 218.9550, -8.3588,
21.0875

■ 242.1710, -6.0003,

11.2510

■ 63.7910, -6.3060,
15.9693

■ 63.7910, -6.3060,
15.9693

■ 58.7700, -7.7746,
20.3727

■ 68.8120, -4.8373,
11.5659

■ 54.3360, -9.5326,
24.2613

■ 73.2460, -3.0793,
7.6773

■ 49.2010, -11.4381,
28.7647

■ 78.3810, -1.1738,
3.1739

■ 44.7670, -13.1961,
32.6533

■ 82.8150, 0.5842,
-0.7148

■ 39.7460, -14.6648,
37.0568

■ 87.8360, 2.0529,
-5.1182

■ 34.7250, -16.1334,
41.4602

■ 92.8570, 3.5215,
-9.5216

■ 33.9100, -16.7176,
42.1749

■ 97.2910, 5.2795,
-13.4102

■ 102.4260, 7.1850,
-17.9136

■ 107.4470, 8.6536,
-22.3170

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.5290, -2.2328, 16.1991



63.7910, -6.3060, 15.9693



63.0740, -8.9105, 11.3361

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.7910, -6.3060, 15.9693



59.6410, -2.2880, -12.8402



62.7740, 9.4784, -6.8178

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.7910, -6.3060, 15.9693



69.2090, 6.3060, -15.9693

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.2350, 10.2371, -16.8691



63.7910, -6.3060, 15.9693



58.7910, 3.5540, -19.9877

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.7910, -6.3060, 15.9693



60.8440, -6.8251, -4.2482



58.6320, 8.0694, -21.6023



63.8570, 6.9725, 3.6334

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7910, -6.3060, 15.9693



62.5250, -9.6258, 7.4326



58.6320, 8.0694, -21.6023



61.9800, 10.3629, -10.5065

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.7910, -6.3060, 15.9693



100.3490, -2.6371, 5.8329



63.1190, 6.3503, 16.5586



49.6800, -1.3212, 3.7886



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7910, -6.3060, 15.9693



78.6350, -9.6801, 24.8761



72.5960, -10.6468, 8.2473



38.7830, -0.8790, 1.9443



43.1350, -21.2656, 54.2556



95.7830, -47.2210, 119.4623

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.2090, 6.3060, -15.9693



87.3650, 9.6801, -24.8761



60.4040, 10.6468, -8.2473



39.2170, 0.8790, -1.9443



61.2780, 21.5549, -53.7408



136.2170, 47.2210, -119.4623

Previews

White Background



This preview shows how the YUV color 63.7910, -6.3060, 15.9693 looks on a white background.

Color Contrast Check

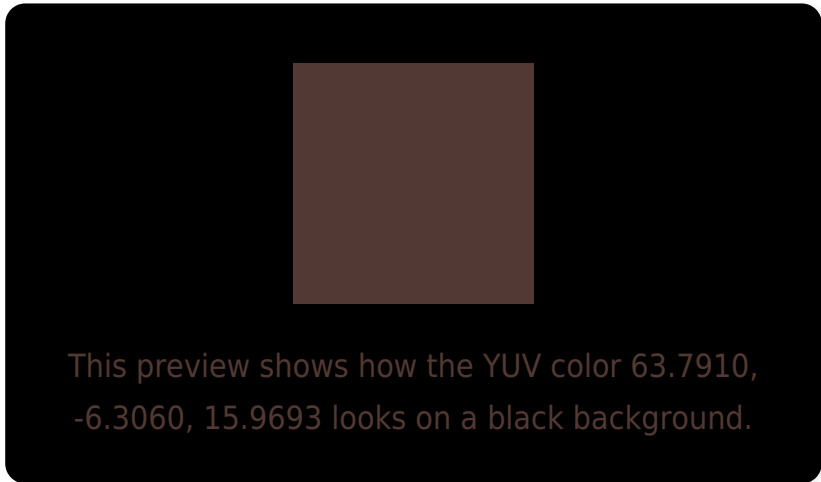
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

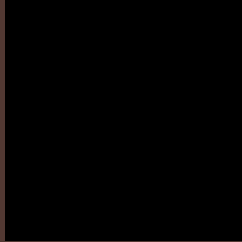
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 63.7910, -6.3060, 15.9693

Background



This preview shows how black text looks on a background with the YUV color 63.7910, -6.3060, 15.9693.



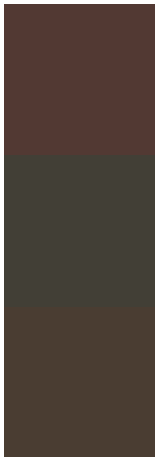
This preview shows how white text looks on a background with the YUV color 63.7910, -6.3060,

15.9693.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.7910, -6.3060, 15.9693

Protanopia

62.8710, -4.3734, 2.7441

Deuteranopia

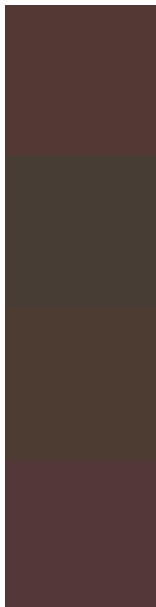
63.6330, -6.7211, 9.0919



Tritanopia

64.5290, -2.2328, 16.1991

Trichromacy



Original Color

63.7910, -6.3060, 15.9693

Protanomaly

63.3770, -5.1159, 7.5624

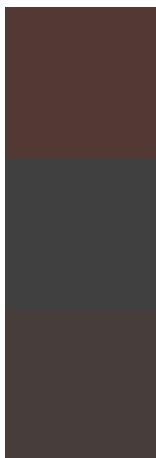
Deuteranomaly

63.9430, -6.8739, 11.4510

Tritanomaly

64.1870, -3.5432, 16.4990

Monochromacy



Original Color

63.7910, -6.3060, 15.9693

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7910, -6.3060, 15.9693 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(82, 57, 51)` looks like.

```
.text, #text, p{  
    color:rgb(82, 57, 51)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(82, 57, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 57, 51) }
```

Border

The CSS property to change the border of an element to YUV 63.7910, -6.3060, 15.9693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(82, 57, 51) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(82, 57, 51) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(82, 57, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 57, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 57, 51);  
box-shadow:4px 4px 4px 4px rgb(82, 57, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7910, -6.3060, 15.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 57, 51) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(82, 57,  
51) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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